

PstI

1 E K R Q V Q L Q E S G G G L V Q
TCGAGAAAAG ACAGGTGCAG CTGCAGGAGT CAGGGGGAGG ATTGGTGCAG

51 A G G S L R L S C A A S G R A T S
GCTGGGGGCT CTCTGAGACT CTCCTGTGCA GCCTCGGGAC GCGCCACCAG

101 G H G H Y G M G W F R Q V P G K
TGGTCATGGT CACTATGGTA TGGGCTGGTT CCGCCAGGTT CCAGGGAAGG

151 E R E F V A A I R W S G K E T W Y
AGCGTGAGTT TGTCGCAGCT ATTAGGTGGA GTGGTAAAGA GACATGGTAT

201 K D S V K G R F T I S R D N A K T
AAAGACTCCG TGAAGGGCCG ATTCACCATC TCCAGAGATA ACGCCAAGAC

251 T V Y L Q M N S L K P E D T A V
TACGGTTTAT CTGCAAATGA ACAGCCTGAA ACCTGAAGAT ACGGCCGTTT

301 Y Y C A A R P V R V D D I S L P V
ATTATTGTGC CGCTCGACCG GTCCGCGTGG ATGATATTTT CCTGCCGGTT

351 G F D Y W G Q G T Q V T V S S G S
GGGTTTGACT ACTGGGGCCA GGGGACCCAG GTCACCGTCT CCTCAGGATC

BamHI

linker

401 H H H H H H G S T S I E G R T Q
TCATCACCAT CACCATCAG GATCCACCTC CATTGAAGGT CGTACCCAGT

451 S H Y G Q C G G I G Y S G P T V C
CTCACTACGG TCAGTGTGGT GGTATTGGTT ACTCCGGTCC AACCGTCTGT

501 A S G T T C Q V L N P Y Y S Q C L
GCCTCTGGTA CCACCTGTCA GGTTCTGAAC CCTTACTACT CCCAGTGTCT

* *
551 GTAATAAG

FIG. 1/4

Particles alone
 #1 fibre - non-specific capture

Particles plus fusion protein
 #7 fibre - highest ratio specific capture

Both histograms show cell count on the y-axis (log scale, 0 to 10,000) and fluorescence intensity on the x-axis (linear scale, 0.000 to 30.000). Peaks are labeled A through G. The bottom histogram shows a significantly higher peak at point F compared to the top histogram.

FIG. 2/4

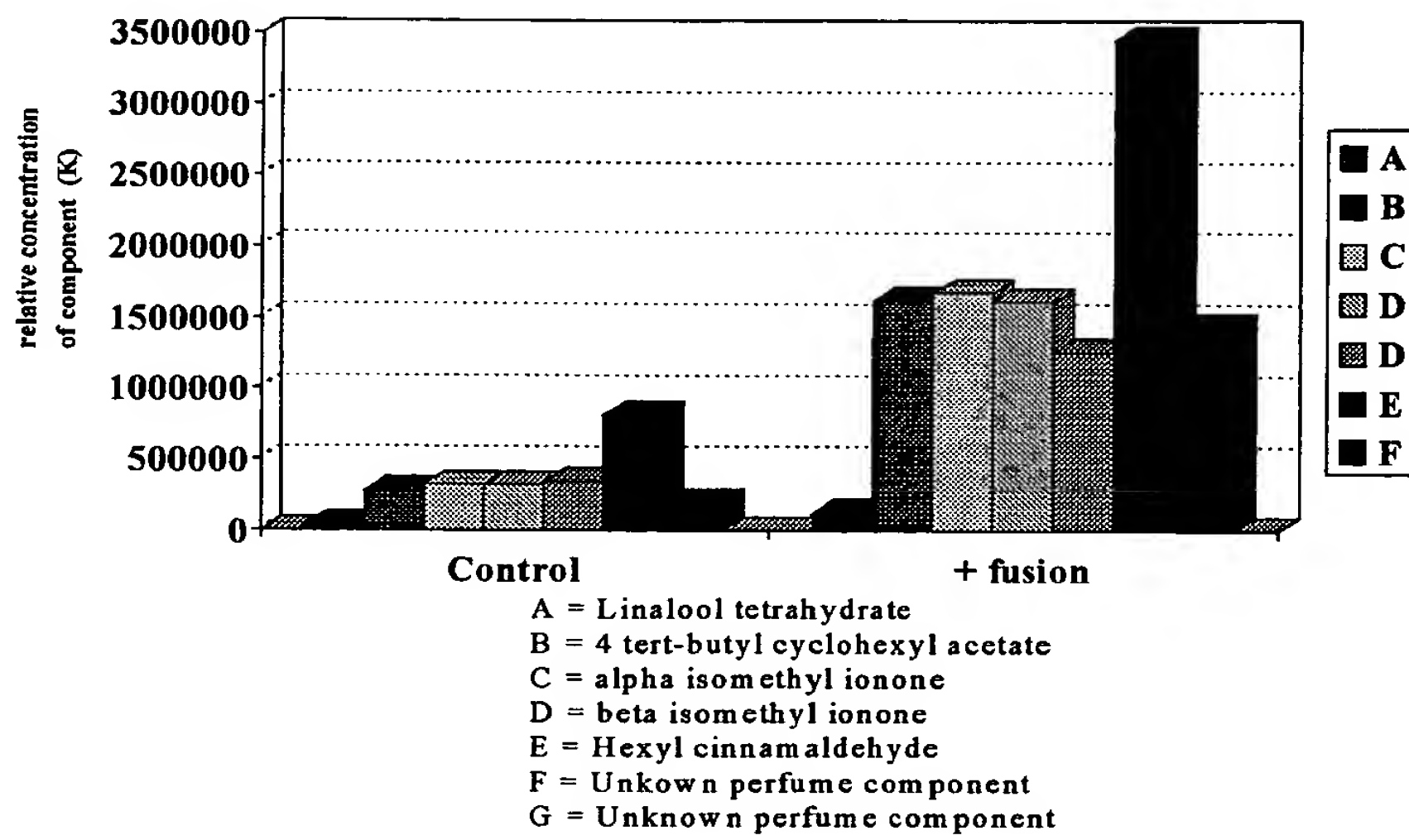


FIG. 3/4

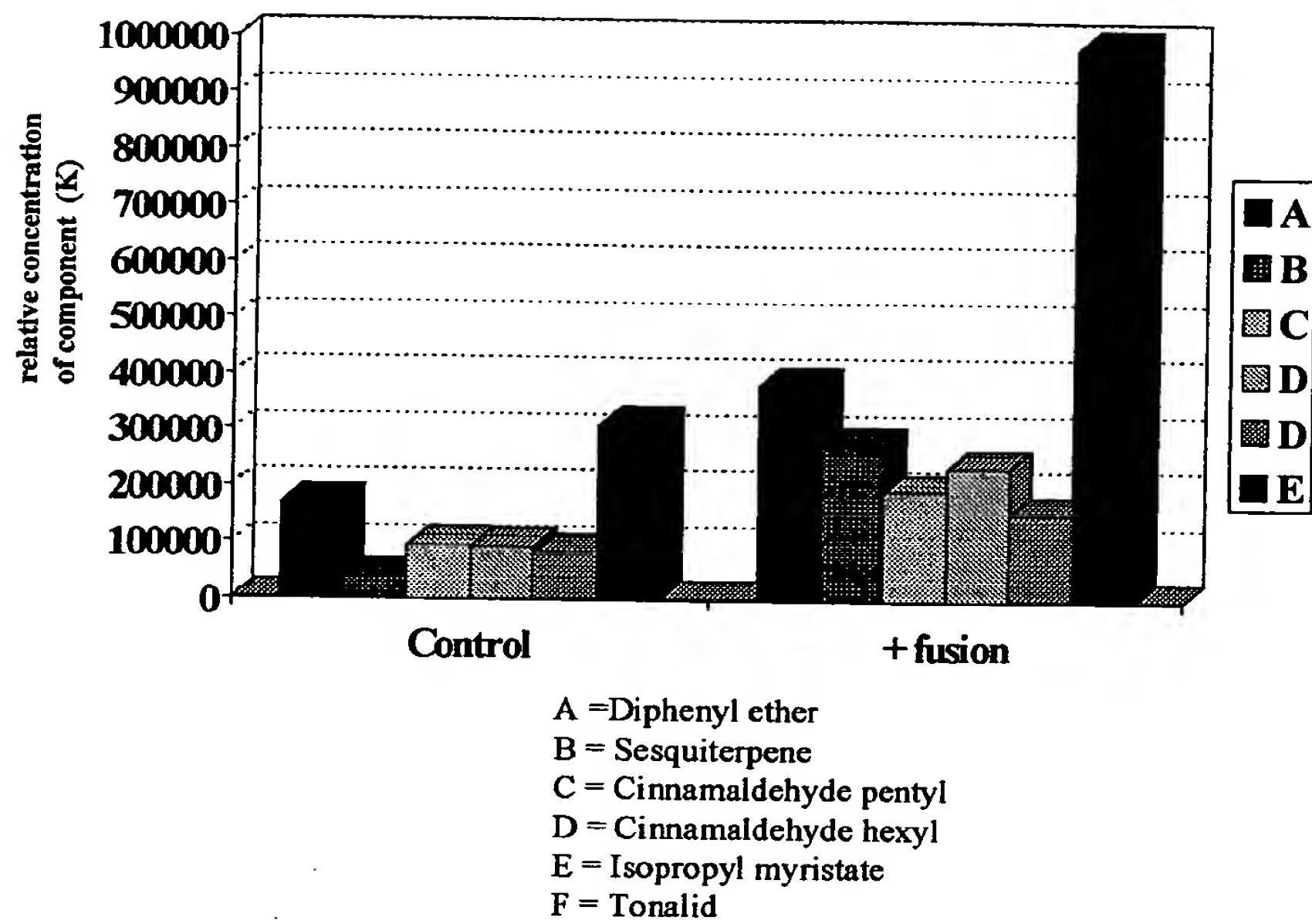


FIG. 4/4